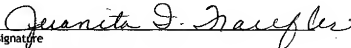


CERTIFICATE OF ELECTRONIC FILING: I hereby certify that this AMENDMENT AND REPLY TRANSMITTAL and the paper(s), as described herein, are being electronically filed with the Patent Trademark Office addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 29th day of JULY, 2008.


Signature Juanita I. Trauffer
Printed Name

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Kenneth B. Stokes)	
	Josee Morissette)	
Serial No.:	10/685,237)	Group Art Unit: 3762
Filed:	October 14, 2003)	Confirmation Number: 4635
For:	System and Method for Enhancing Cardiac Signal Sensing by Cardiac Pacemakers Through Genetic Treatment)	Examiner: Kahelin, Michael W.
Docket No.:	P0003586.01 US)	

AMENDMENT AND REPLY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants enclose their response to the Office action mailed **01/30/2008** to the above captioned application.

Claims **36-46** are pending and stand rejected. A shortened statutory period for reply was set to expire 3 months from the mailing date of this application extendable to 6 months from the mailing date. Applicants submit with transmitted documents a request for a three month extension. All fees due with this response should be charged to Applicants Deposit Account No. 13-2546.